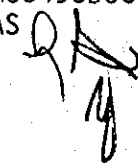


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MATERIAL SAFETY DATA SHEETIndustrial Hygiene
DEC 21 1988

SECTION I

PRODUCT NAME:	PR-1431-GRV Sprayable, Type IV	MSDS IDENTIFICATION NO:	MS3493B04
		DATE OF ISSUE:	05-25-88
DESCRIPTION:	Polysulfide Rubber Compound Solution.	REPLACES:	MS3493B03
		PREPARED BY:	AS 
MANUFACTURER:	Products Research & Chemical Corporation		
	5430 San Fernando Road, P.O. Box 1800, Glendale, CA 91209		
EMERGENCY TELEPHONE:	(818) 240-2060		
	For Emergency Medical Information (800) 228-5635		

SECTION II - HAZARDOUS INGREDIENTS

CHEMICAL NAME	COMMON NAME	CAS NO	% BY WT	OSHA PEL	ACGIH TLV	
					TWA	STEL
Methyl Benzene	Toluene	108-88-3	30	200 ppm	100 ppm	150 ppm
4,4'-Isopropylidene phenol- epichlorohydrin polymer	Epoxy Resin	25068-38-6	<5	Not Est.	Not Est.	Not Est.
Phenol polymer with formaldehyde	Phenolic Resin	9003-35-4	<5	Not Est.	Not Est.	Not Est.
Magnesium Chromate	Magnesium Chromate	13423-61-5	<5	0.5 mg/M ³	0.05 mg/M ³	Not Est.
Calcium Dichromate	Calcium Dichromate	14307-33-6	<5	0.5 mg/M ³	0.05 mg/M ³	Not Est.

SECTION III - PHYSICAL AND CHEMICAL CHARACTERISTICS

Boiling Point, °F.:	Unk.	Specific Gravity:	1.43
Vapor Pressure, mm Hg:	Unk.	VOC, g/l (Mixed):	341.62
Vapor Density:	3.2 (Toluene).	Evaporation Rate:	2.0 (Toluene).
Solubility in Water:	Negligible.		

SECTION IV - PHYSICAL HAZARD INFORMATION

Flash Point: 62°F (PMCC) Flammable Limits: 1el, 1.2; uel, 7.0% (Toluene).
Extinguishing Media: CO₂, dry chemical, foam, water fog.
Spec. Fire Fighting Proc: Use complete personal protection. Use water to cool heat exposed containers.
Unusual Fire Hazards: High temperatures may cause pressure buildup in closed containers.
Stability: Stable.
Incompatibility: None known.
Decomposition products: Oxides of carbon, SO₂, traces of H₂S, chromium compounds.
Hazardous polymerization: Will not occur.

SECTION V - HEALTH HAZARD INFORMATION

EFFECTS OF OVER-EXPOSURE:

Eyes: Irritation.
Skin: Local irritation. May cause allergic skin rash in sensitized individuals. Prolonged exposure to hexavalent chromium compounds over the PEL may cause painless penetrating ulcers of the skin.
Inhalation: Irritation to nose and throat. Prolonged exposure above PEL may cause headache, fatigue, confusion, dizziness, drowsiness, numbness and unconsciousness. Prolonged exposure can cause liver and kidney damage. Prolonged exposure to hexavalent chromium compounds over the PEL may cause penetrating ulcers of the mucous membranes of the nose and perforation of the cartilaginous nasal septum.
Ingestion: May cause nausea, vomiting, liver and kidney damage.

LISTED CANCER AGENT?

☒ NO: Nothing contained in this product is found in the lists below.
☐ YES: ☐ OSHA ☐ National Toxicology Program ☐ International Agency for Research on Cancer

Although the chromium compounds in this product are not designated by NTP or IARC as cancer causing chemicals, the list entitled "Chemicals Known by the State of California to Cause Cancer" as required by the Safe Drinking Water and Toxic Enforcement Act, (Proposition 65), includes all hexavalent chromium compounds.

SECTION VI - EMERGENCY FIRST AID PROCEDURES

Eyes:	Flush with luke warm water for 15 minutes. If symptoms persist, consult physician.
Skin:	Wash with soap and water. If symptoms persist, consult a physician.
Inhalation:	Remove to fresh air. If symptoms are present consult a physician.
Ingestion:	Consult a physician.

SECTION VII - SUGGESTED CONTROL PROCEDURES

Ventilation:	General ventilation to maintain vapors below PEL. When spraying, applying in confined areas, or in other circumstances likely to produce airborne levels of solvent in excess of PEL, use an organic vapor cartridge respirator or air-supplied respirator.
Skin Protection:	Solvent resistant gloves. During spray application, complete skin protection is required.
Eye Protection:	Chemical goggles or full-face shield.

SECTION VIII - SPILL OR LEAKAGE PROCEDURES

Release or Spillage:	Remove all ignition sources. Cover with absorbant. Scoop into containers. Clean-up residue with 1,1,1 -trichloroethane.
Waste Disposal:	EPA Waste No. D-007. Dispose of spillage in compliance with Federal and State regulations.

SECTION IX - SPECIAL PRECAUTIONS

Wash thoroughly after handling and before smoking or eating. Avoid ingestion.

The information provided herein is, to the best of the manufacturer's knowledge, current, accurate and complete, based on information reasonably available.